

NOVEL GLYPHOSATE N-ACETYI TRANSFERASE (GAT) GENES
Linda A. Castle, et al.
Serial No.: 10/004,357
Attorney Docket No.: 02-107010US

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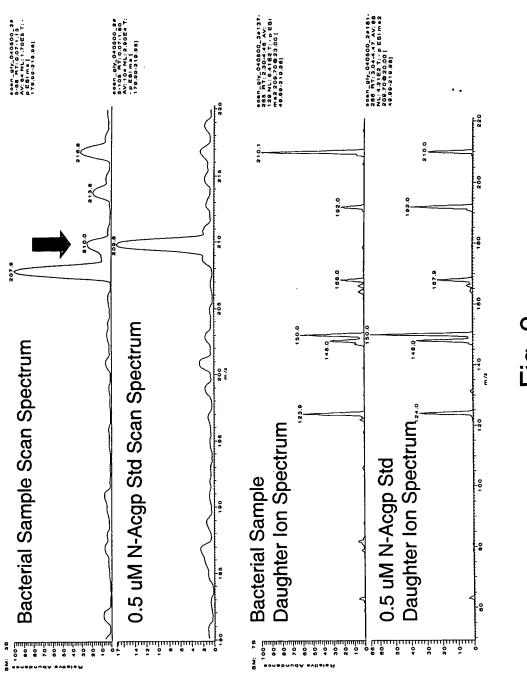


Fig. 2

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Nacie Nacie	otide	Nucleotide identity between sequence pairs	betwee	n sedne	ence par	ည
	Be	DS3	ST401	NHA-2	NH5-2	yitl
B6	* *	95.0	93.2	94.8	92.8	62.0
DS3		* *	95.5	8.66	95.0	61.8
ST401			* *	95.2	99.5	62.4
NHA-2				* *	94.8	61.5
NH5-2					*	62.9
yitl						*

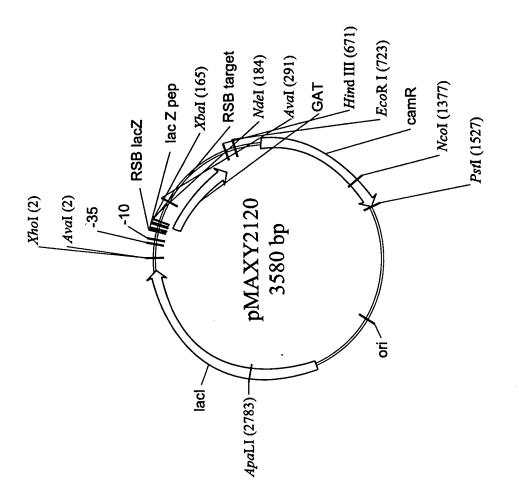


Fig. 4

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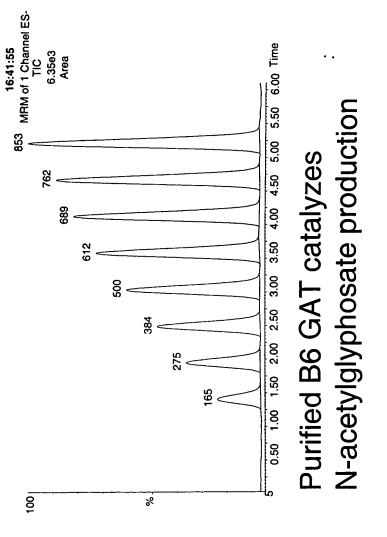
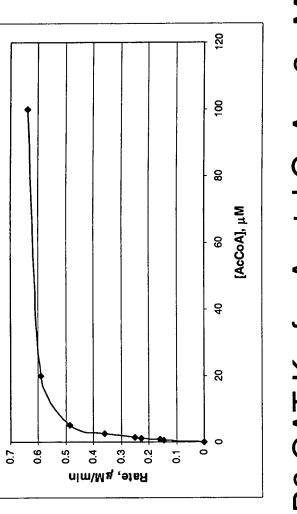


Fig. 5

NOVEL GLYPHOSATE N-ACET TRANSFERASE (GAT) GENES Linda A. Castle, et al. Serial No.: 10/004,357 Attorney Docket No.: 02-107010US

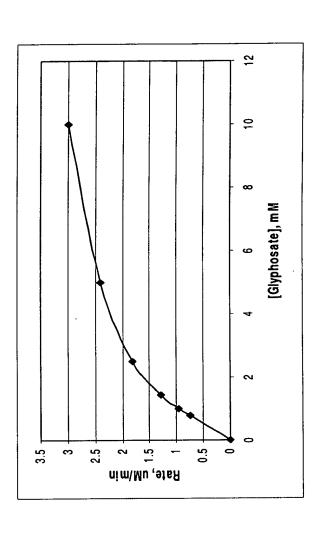
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B6 GAT K_M for Acetyl CoA = 2 μ M

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B6 GAT K_M for glyphosate = 2.9 mM

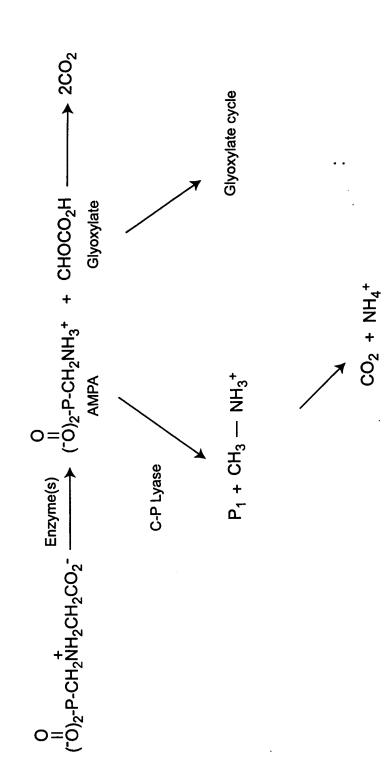
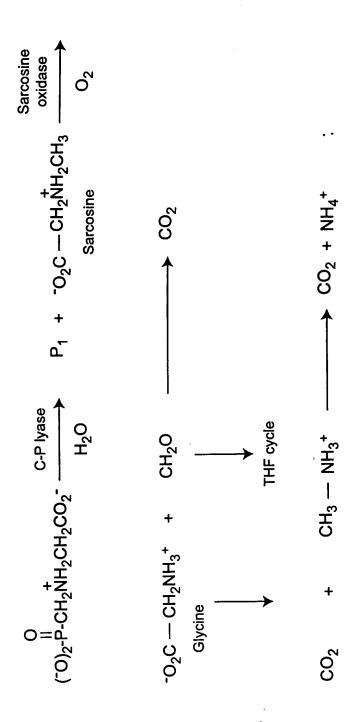


Fig. 8



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-ig. 10

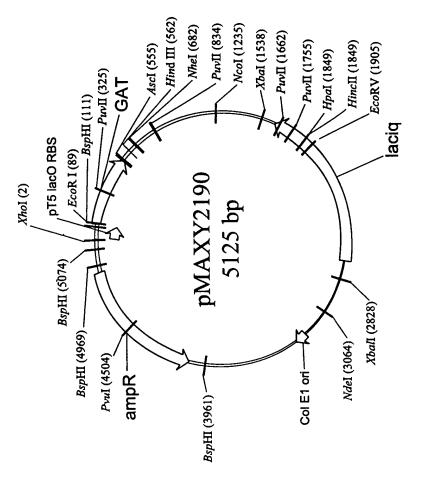
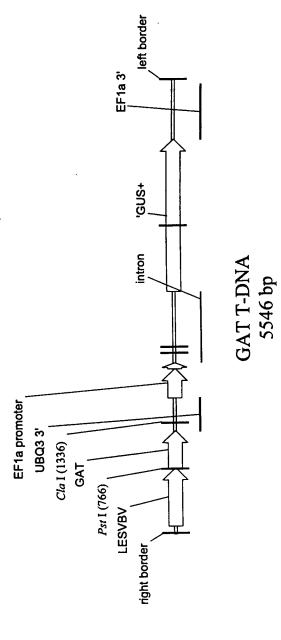


Fig. 11



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ig. 12

